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The



Record.

JOB PRINTING

OF QUALITY PROMPTLY DONE. PRICES
AS REASONABLE AS IS CONSIST-
ENT WITH GOOD WORK-
MANSHIP.

VOL. XXIX. NO. 1

GREENVILLE, KY., THURSDAY, FEBRUARY 8, 1917

50c. PER YEAR, IN ADVANCE

FARM ANIMALS

FEEDS FOR HOG PRODUCTION

Best Information on Efficient Forage
and Grain Crops Given by Ex-
periment Station.

The best information on the feeds available in the farmers' locality can be readily and accurately given by his state experiment station. Pigs make the best use of concentrates. These can be fed in a self-feeder and can be supplemented by various slaughterhouse, bakery, or table by-products, etc. A by-product to be economical should be fairly concentrated, should be moderate in price per 100 pounds of nutrients, and should be fresh and free from taint.

During the winter, leguminous hays fed in addition to the concentrate help reduce the cost of production in the summer, pasture crops such as rape, alfalfa, bur clover, crimson clover, rye, etc., make very economical and efficient supplements for hog feeding.

In practically every farming district in the United States cheap and efficient forage and grain crops are available for hog production. These should be diligently studied by the farmer, with the aid of the state and federal forces, and used in the most profitable manner.

ATTENTION TO WORK HORSES

Animal Should Be Fed Right to Secure
Greatest Amount of Labor
From Them.

To secure the greatest amount of work from the horse requires that it be fed right. There is a big difference in the feeding of horses and cattle. The horse's stomach holds only a few gallons, while a cow's stomach has a capacity of over a barrel, which means that the horse must be fed more concentrated food. It also takes more energy to digest roughage than grain.



Team Dinking Corn Stubble.

The morning and noon feeds should be the lightest and should consist largely of grain, the heavy feed being given in the evening. Some make a practice of giving one-quarter of the daily ration in the morning, one-quarter of it at noon, and the other half in the evening. If the horse has a grain feed followed by a big feed of hay, the grain is pushed out of the stomach before being digested.

Watering before feeding is usually the best practice. The horse will eat better, and if a large amount of water is taken after the grain has been eaten, it will push some of the grain out of the stomach before it is digested.—North Dakota Experiment Station.

FEEDING THE WORKING MARE

She Will Require More Care and Feed
Than One Turned Into Pasture—
Colt Must Exercise.

Where the services of the mare are required for farm work, the colt should be shut in a paddock or in a large box stall.

A Western authority on horse raising says the mare that is worked while nursing a foal will require more care in her feeding and general handling than the one that is turned out to pasture with nothing to do save raise the colt. The working mare must be furnished not only with energy sufficient for her to keep up her end of the work, but she must at the same time nourish another and growing body. The crushed oats and bran given the colt will aid greatly in keeping up his growth and development under such conditions.

As soon as he has passed his first weeks of life the colt should be given ample opportunity for exercise in a roomy lot. Where he has the run of a pasture at his mother's heels the requirement of exercise will take care of itself.

SHIPPING SWINE TO MARKET

Hog Is Not Cheap Animal and Is Well
Worth Taking Care of—Crowd-
ing Is Not Profitable.

The average hog that goes to market these days requires very close to \$25. It is not a cheap animal. It is worth taking care of on the way, for the dead ones don't return any "twenty-five." They are a dead loss, literally. It is the very heavy ones that are most apt to be overcome by heat, overcrowding, etc. At this time of year the farmers are getting rid of large numbers of old blood sows, calling the breeding stock. But the money these old sows bring is as good as any, good enough to pay for careful shipping. Crowding to economize now is not profitable when a toll of dead ones is paid. And they need lots of water in them and under them.

GOOD ROADS

KEEP ROADS FROM 'WASHING'

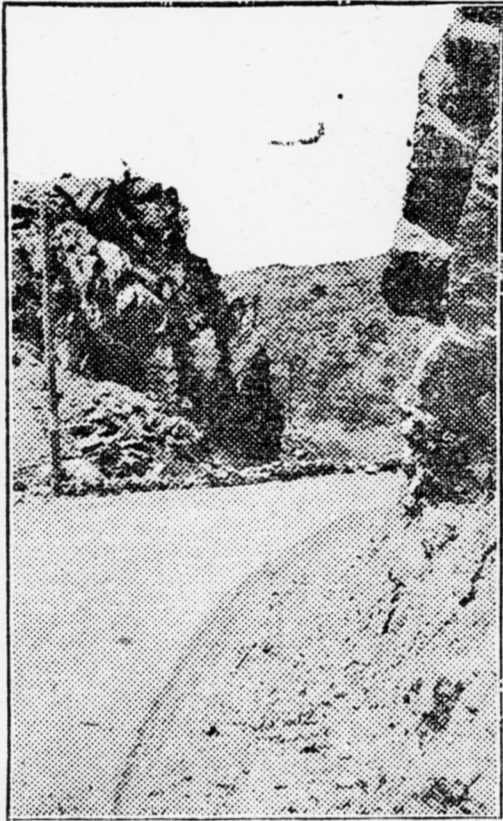
Colorado Agricultural College Expert
Makes Trip Through Mountains
and Comments Thereon.

(By E. B. HOUSE, Colorado Agricultural College, Fort Collins, Colo.)
Having just returned from a trip into the mountains over the worst of roads, a comment or two should not be out of place at this time.

First, "The road builder has followed the lines of "least resistance" and has given grades as steep as 20 per cent. Second, he has made no provision for taking care of the rainwater falling upon or coming to these steep grades.

Result.—The road proceeds to "wash out" whenever a heavy shower strikes that section.

Remedy.—Whenever a road is built on a steep grade broad, shallow ditches



Stone Road Through Ute Pass.

should be built at right angles to the road in such a manner that the water coming down the road to them will be caught and passed to the side and away from the road. These ditches on steep grades should not be over 300 feet apart so that the water may be caught and diverted before it collects in sufficient quantities to cut the ground. If a smoother road is desired these ditches may be covered by 2 by 6 inch planks placed one inch apart to allow the water to run through the cracks and into the ditch.

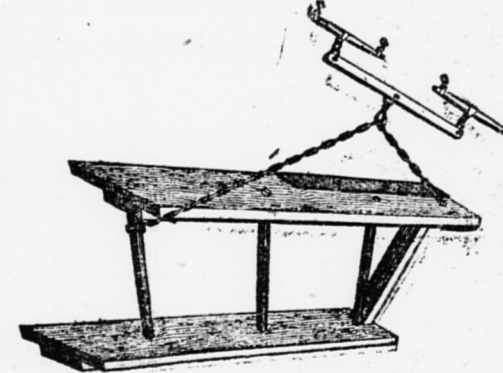
KEEP ROADS IN GOOD SHAPE

Split-Log Drag Is of Great Service in
Keeping Roadways in Economical
Repair.

The use of the road drag is important in putting the roads in good shape for winter use. There are over 2,000,000 miles of earth roads in the country, and the split-log drag is of great service in keeping them in economical repair. The drag is used in many states and in foreign countries. It is used with two, three, or four horses, and is easily constructed.

Drags are often constructed of planks instead of logs. The plank should be strengthened along the middle line by a 2 by 6-inch strip. A triangular strip may be used under the lower edge of the blade to give the proper cutting slope.

Usually two horses are enough to pull a drag over an ordinary earth road. The team should be driven with one horse on either side of the right-hand wheel track the full length of the portion to be dragged and the return made over the other half of



The Plank Drag.

the roadway. The object of this treatment is to move earth toward the center of the roadway and raise it gradually above the surrounding level. While this is being accomplished all mudholes and ruts will be filled, into which traffic will pack the fresh earth.

Drag Roads When Idle.
After the rain, when you can't work in the fields drag that road.

Dragging the Roads.
In dragging roads only a small amount of earth is moved, just enough to fill the ruts and level off the high places. In general, the drag is drawn over the road at an angle of about 45 degrees.

Prizes for Pictures.
The National Highway association is offering \$2,000 in cash prizes for photographs of good roads. "Good Roads Everywhere" is the comprehensive watchword of this movement.

DAIRY FACTS

BETTER QUALITY OF BUTTER

Article Sells on Its Merits as to Flavor,
Taste and Color—Control
Flavors and Odors.

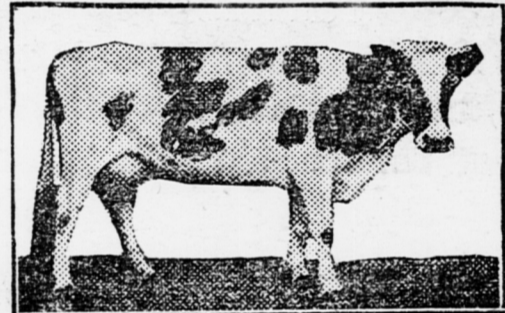
Butter is used primarily to improve the palatability of foods for human consumption. It sells on its merits as to taste, flavor and color, though some are influenced by its texture. Color may be produced artificially in a way to please the most particular person and it therefore becomes of secondary importance to the producer; it does not imply quality, but oftentimes a rich color will compensate for a lack of other qualities.

Flavors and odors in butter may be controlled to a certain extent by care in feeding and handling cows. The volatile fats in milk are quick to absorb odors, either from feeds during the process of digestion and assimilation in the cow or from strong odors coming in contact with the milk after it has been drawn. The latter may be obviated by keeping the stable and utensils sweet and clean, free from dust and all objectionable odors. When disinfectants are used about the stables care must be exercised to air the stables thoroughly, for the milk will absorb the odor of disinfectants in a remarkably brief time. The most effective plan is to disinfect as soon as the cows are turned out, then air the stables well for at least three or four hours.

AGE OF USEFULNESS OF COWS

Twenty-Two-Year-Old Jersey in Wisconsin Produced Forty Pounds of
Butterfat in Month.

Wisconsin has a twenty-two-year-old Jersey cow in one of her cow-testing associations that recently made 40 pounds of butterfat in one month. Sweet Briar, a Guernsey cow, did profitable work at the Minnesota experiment station up to her seventeenth



Excellent Dairy Type.

year, and Cyrene, a Holstein cow in the same institution and at the same age, will this year produce over 400 pounds of butterfat. The age of usefulness of the majority of dairy cows that meet with no accident, is probably between twelve and fourteen years, but frequently dairy cows give splendid profit beyond these years, as the above cases illustrate.

GRADE OF AMERICAN BUTTER

Quality Is Poor on Account of Poor
Cream Used in Manufacture—
Foreign Make Is Better.

Imported butter does not reach our markets in as fresh condition as our own butter, consequently the majority of it sells as second-grade. In many cases it leaves the point of production as a first-class article, but is so long in transit that it deteriorates and arrives as second-grade butter. Unfortunately the majority of American butters are also second-grade. This is not because it cannot reach the market at once, but because it is made from a poor quality of cream. The American farmer is not producing as good quality of cream as his foreign brother.

HIGH GRADE BUTTER PRICES

Producers of First-Class Articles Are
Realizing Nice Margin Over
Inferior Product.

First-grade butter is still in big demand in this country and the producers of good butter are realizing a nice margin in price over the producers of second-grade butter. Because of foreign competition with our second-grade butter the difference in price between first-grade and second-grade is wide. Foreign competition has not materially increased the supply of first-grade, while the supply of second-grade has been increased tremendously.

REPAIRS FOR WOODEN SILOS

Huge Receptacle Is Liable to Be
Wrenched by Wind—Best to Tight-
en Up Loose Staves.

The wooden silo in summer is liable to be wrecked or wrenched by the wind, especially if it has no roof. Spend a little time in tightening the hoops after the staves become dry. As a precaution against heavy winds run two or three stays of heavy wire to some permanent objects—a tree, barn or heavy post set firmly in the ground. Give it a coat of paint on the outside and creosote on the inside.

Horticultural Points

HARM BY BLACKBERRY BORER

Spraying Is of No Avail—Cutting and
Burning at Time of Regular
Pruning Is Favored.

The blackberry cane borer has been seriously troublesome in many parts of the country recently, killing the canes and thus ruining the chances of the crop. No spraying is of any use, but I find cutting and burning does the trick, says a writer in an exchange. There are two ways of doing this work. One is to look for, cut off and burn all the swelled parts of the blackberry canes at the time of the regular winter or early spring pruning. There is no mistaking these swellings because they are fully double the diameter of the cane itself. It is not necessary to bother with the whole cane—just the swelled part with an inch or two above or below the swelling. The cut pieces may be easily carried in a basket.

Where a very serious attack has occurred, and where other blackberries are growing in the neighborhood, I have found it a good plan to cut off all the young shoots produced before the end of June, so as to destroy the young grubs in them. By that time all the adult beetles will have died, so the canes produced during July will be free from the borers. There is no use saving a "failed" cane, for it can't produce a decent stand of berries. The sooner it is burned the better. It is not necessary to burn the green shoots, because the borers, being footless, cannot crawl to new canes, and are also unable to live on dead wood.

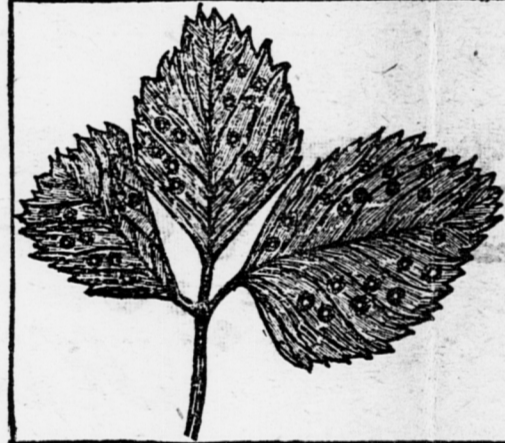
LEAF BLIGHT WORKS INJURY

With Some Varieties of Strawberries
It Seriously Weakens Plants—
Spray Is Favored.

(From the Missouri Agricultural Experiment Station.)

Leaf blight causes spots on the leaves of the strawberry plants, such as are shown in the illustration. With some varieties it very seriously weakens the plants. Varieties like Aroma and Gandy very largely resist it.

Spray with Bordeaux mixture after the crop is harvested, probably after



Leaf Blight of Strawberry.

renewing has been done, and give three or four more sprayings at intervals of two weeks. On badly infested beds after the crop is off, mow everything down and let it dry and burn off when there is a brisk wind and follow with a spraying.

AFTER THE PRUNING IS DONE

Carefully Gather Up and Burn All
Branches and Twigs—Cover
Wounds to Prevent Decay.

It is best, after the pruning operation is over, to carefully gather up and burn all branches and twigs that have been cut off. Burn them. They afford homes for the diseases and the insects that will attack your trees if the rubbish is left on the ground.

2. Cover the wounds with a coat of good lead paint. This helps to keep out the water and prevent disease and decay.

3. Spray the trees with a solution of one gallon commercial limesulphur to nine gallons of water. Spraying just after pruning reduces the cost of applying the material, as there is less brush to cover than at other times. Moreover, it is just the right season for the lime-sulphur spray.

PEAR NEEDS GOOD DRAINAGE

Surplus or Stagnant Water Detri-
mental to Health of Tree—Under-
ground Ditches Favored.

It is essential to the health of the pear that no surplus or stagnant water be allowed to remain on the surface or in the soil.

If the natural formation of the land does not afford good drainage it should be provided artificially either by underground drainage or by surface ditches. The subdrainage method is preferable, because it is more thorough, and it is accomplished by well-laid tile, is far more satisfactory.

Breaking up stiff clay land by double-plow subsoiling will in a measure afford temporary subdrainage, but unless the soil will again become compacted and the subsoiling will need to be repeated.

The Victrola brings the greatest artists right into your own home



It is all artists and all instruments in one. It enables you to hear the greatest singers and musicians in your own home just the same as though you were hearing them in person.

It brings to you their actual living voices and superb art absolutely true to life—every rendition exactly as it is interpreted by the artists themselves.

Get a Victrola and have all this wonderful array of music always at your instant command.

Come in and we'll show you the various styles of the Victrola and play any music you wish to hear.

Victrolas \$15 to \$350. Victors \$10 to \$100.
Easy terms can be arranged if desired.

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PROFESSIONAL CARDS.

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Office Main-cross street near Mainstreet.

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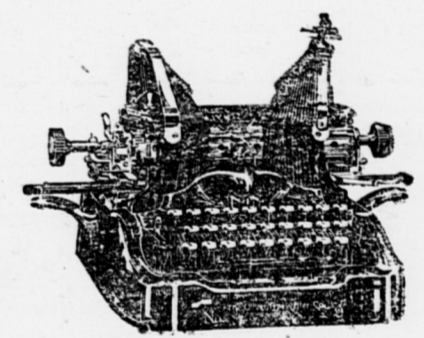
N. W. Cor. 4th and Market Sts.

LOUISVILLE, KY.

A New Model Typewriter!

The No. 9
OLIVER
The Standard Visible Writer

BUY IT NOW?



Yes, the crowning typewriter triumph is here!

It is just out—and comes years before experts expected it. For makers have striven a life-time to attain this ideal machine, and Oliver has won again, as we scored when we gave the world its first visible writing.

There is truly no other typewriter on earth like this new Oliver "9." Think of a touch so light that the tread of a kitten will run the keys!

CAUTION!

The new day advances that come along on this machine are all controlled by Oliver. Even our own previous models—famous in their day—never had the Optional Duplex Shift.

It puts the whole control of 84 letters and characters in the little fingers of the right and left hands. And it lets you write them all with only 28 keys, the least to operate of any standard typewriter made.

Thus writers of all other machines can immediately run the Oliver Number "9" with more speed and greater ease.

WARNING!

This brilliant new Oliver comes at the old-time price. It costs no more than lesser makes—now out of date when compared with this new discovery.

For while the Oliver's splendid new features are costly—we have equalized the added expense to us by simplifying construction.

Resolve right now to see this great achievement before you spend a dollar for any typewriter. If you are using some other make you will want to see how much more this one does.

If you are using an Oliver, it naturally follows that you want the finest!

17 CENTS A DAY!

Remember this brand-new Oliver "9" is the greatest value ever given in a type writer. It has all our previous special inventions—visible writing, automatic spacer, 6 1/2 ounce touch—plus the Optional Duplex Shift, Selective Color Attachment and these other new-day features.

Yet we have decided to sell it to everyone everywhere on our famous payment plan—17 cents a day! Now every user can easily afford to have the world's crack visible writer, with the famous PRINTYPE, that writes like print, included FREE is desired.

TODAY—Write For Full Details

And be among the first to know about this marvel of writing machines. See why typists, employers, and individual everywhere are flocking to the Oliver. Just mail a postal at once. No obligation. It's a pleasure to tell you about a

THE OLIVER TYPEWRITER CO.,

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JOB PRINTING

See Us Before Going Elsewhere

Cost Reduced

We are offering electric lighting for the home at Big City Prices.

OUR RATE 10c. NET PER K. W. H.

Is a Reduction of 16 2-3 per cent. From Former Prices.

IS YOUR HOME WIRED?

If not we will be glad to make an estimate, and without obligation, too.

SPECIAL!

Mazda Lamps On Sale at "Before The War" Prices

22 CENTS AND UP

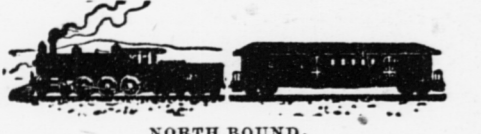
Phone 250 For Information Regarding Our 100 watt "C" Lamp, Better Than The Mazda.

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I. C. R. R. LOCAL TIME CARD.



NORTH BOUND.
123 Louisville Express.....12:27 pm
102 Cincinnati Express.....1:43 pm
101 New Orleans special.....3:42 pm
136 Central City accommodation.....6:57 pm

SOUTH BOUND.
135 Paducah and Cairo accom.....5:20 am
131 Fulton accommodation.....12:07 pm
101 New Orleans special.....3:42 pm
136 N. O. spec.....1:43 am
Stops to discharge revenue passengers from Louisville and parts beyond.
Feb. 30, 1916 W. G. CRAWFORD, Agt.

Local Mention.

"The Strength of All for the Good of Each."

"Help one another," the snowflakes said, As they huddled down in their fleecy bed; "One of us here would not be felt, One of us here would quickly melt; But I'll help you and you help me, And then, what a big white drift we'll be."

"Help one another," the maple spray Said to his fellow leaves one day: "The sun would wither me here alone, Long enough ere the day is gone; But I'll help you and you help me, And then, what a splendid shade there'll be."

"Help one another," the dew-drop cried, Seeing another drop close to its side; "The warm south breeze would dry me away, And I should be gone ere noon today; But I'll help you and you help me, And we'll make a brook run to the sea."

"Help one another," a grain of sand Said to another grain just at hand; "The wind may carry me over the sea, And then, O what will become of me? But come my brother give me your hand, We'll build a mountain and there we'll stand."

And so the snowflakes grew to drifts, The grains of sand to mountains, The leaves became a pleasant shade, The dew-drops fed the fountains.

Vol. 19 No. 1.
St. Valentine follows Lincoln day.
Let Roark Victrolize your home.
Telephone your personals to this office.

Mr. Leslie Hale was in Louisville for the week end.
Quarterly court last Monday drew a few extra folks to town.

Good morning! Are you ready to go to war? Nor are we.

Mr. Duncan Hamilton was in Louisville for the week-end.

Mr. Frank Haynes was here from Owensboro on business Tuesday.

The extreme weather has even slowed the candidates down considerably.

The plumber has been a very busy man for the past week, and still has calls ahead.

They are showing good movies at the Queen this week.

Mr. D. J. Duncan was here from Bowling Green several days last week.

Mr. C. W. Roark is in Lexington and Louisville on business for a few days.

Muhlenberg roads are in such condition that traffic over them is almost impossible.

Zero weather the latter part of the week, was as low as the thermometer has been this winter.

No matter what Victor record you may want, Roark has it, or can supply it in two days.

Miss Margaret Colvin carried a patient to the government hospital at London the latter part of the week.

There has been more war talk during the past week than in any like period since the Spanish-American war.

The rural route carriers all took a day off Monday, weather conditions being such that they could not make the route.

The epidemic of measles is now on the wane. There have been over a hundred cases in town, but no fatalities.

Judge R. O. Pace came over from Hopkinsville the latter part of the week, and was here with home folks several days.

War talk increases, and several men who have been posing as youngsters now declare that they are beyond military age.

Mr. W. A. Young, who for some years has conducted the livery barn on Main Street, will dispose of his business and retire on the first of March.

The ground hog saw his shadow last Friday, and the weather man immediately proceeded to make good as to the six weeks more of winter, and we have had as severe weather as has come this winter.

There are very few children in school who have not had measles and most of those who have been out on account of illness from that, are able to be back again.

An alarm of fire early Monday morning drew a crowd to the home of Mr. Norman Levinson, on North Cherry street, but the blaze was extinguished without loss. A coal oil stove was ablaze, but no damage was done.

Roark has all sorts of talking machine supplies.

Boy Braves Storm.

Last Sunday afternoon, at Luzerne, quite a band of men and boys were scouring a wide territory in search of William Wice, Jr., who had wandered away from his parents' home just before the snow and wind storm broke. The boy is only six years old, and had been playing around the home in his shirt sleeves, and without gloves or any like protection he battled the elements for about four hours, until he was found. He had been moving all the while, and was running when discovered. He is a very hardy boy, or he would have been overcome. One hand was slightly frozen but he had immediate attention, and there will be no permanent injury. There was great rejoicing when the boy was found, and his parents are keenly grateful to the many friends who helped them.

School Dismissed This Week.

On account of the large number of pupils out on account of measles, and also because of the extreme weather conditions, the school board decided to have no sessions of school this week. It is hoped that by next Monday conditions will be such that an almost normal attendance will obtain. This is the first time in many years that it has been necessary to dismiss school, as health conditions here are quite above the average.

Eggs are getting a bit more plentiful, the price ranging around 30 cents.

Miss Gladys Turner, who has recovered from an attack of the measles germ, left Monday for Bowling Green, where she will spend the week with her parents, and then resume her instruction work in school here.

The regular monthly session of the city council was held Monday night. Several ordinances were introduced, and routine business transacted. There were more than the usual number of visitors.

Roark has only three more of the \$5 Stewart talking machines. Next shipment will take the new price, \$6.50.

Folks who have modern plumbing in old-fashioned homes, and therefore have been suffering on account of zero weather, are devoutly hoping there will be no more blizzards this winter.

On account of the extreme weather and bad road conditions, the regular monthly free trachoma clinic was not held Monday. The next clinic will be held on Monday, March 5.

Roark has talking machine records from 10c. to \$7 in stock.

This is a very short month, so you will have to jump.

\$25.00 week straight salary, to man with rig to introduce Poultry Remedies. Pay every week. Experience unnecessary. Eureka Mfg. Co. East St. Louis, Ill.

Ribbons for any make typewriter at Roark's at right prices.

Coal now costs ten cents a bushel, and that seems awful high to our folks. But at many places, even in Kentucky, the price has been twice that, and folks clamoring for a supply.

Big Sales Despite Bad Weather.

Messrs. McDonald & DeWitt had a splendid response to their reduced price club plan on Hoosier kitchen cabinets last Saturday, when 11 cabinets were sold, and the remaining two club members were received on Monday. They have, at all times, a splendid line of these cabinets on their floor, and invite inspection.

Let Roark make a Victrola demonstration in your home.

Weather Forecast for Week.

Forecast for the week beginning Sunday February 4, 1917. For Ohio valley and Tennessee: Generally fair, temperatures considerable below seasonal normal. Moderation in temperature with probably snow for Wednesday and Thursday.

SEE THE
ARTOPHONE
FOR SALE BY
ROARK

Beloved Woman At Rest.

Mrs. Bryant Williams, in her 72nd year, died at her home east of town last Friday, from a complication of diseases. Mrs. Williams, formerly Miss Adeline Head, was born in Robinson county, Tennessee and at the age of eighteen was married to Mr. Bryant Williams, of Webster county, Kentucky, but they have spent most of their married life in this county. To this union were born eleven children, seven of whom survive, as does the husband.

Mrs. Williams was a true Christian, and a loving mother, a faithful companion; she was a patient sufferer, and repeatedly expressed her readiness and desire to join her loved ones in glory. Funeral services were held at the home at 1 o'clock Sunday, by Revs. Gary and Russell, and interment was in the graveyard at Jernigan's Chapel. The community has lost one of its best women. The father and children have the sympathy of all in their darkest hour of sorrow. What seems to be their loss is heaven's gain.

A Friend.

Wisdom of Childhood.

One of the young girls who has been afflicted with the measles germ almost became impatient, about the time she had a good, rough coating of scales, bumps and pimples, and just about made a start toward complaining, but her grumbling was turned into the paraphrase of a quatrain, as follows:

But why should I be in the dumps
On flow'ry beds of ease,
While others seek to smooth their bumps,
And cough, and spit, and sneeze?

County Nurse Report for January.

Schools visited.....11
School children examined.....881
Trachoma Clinics.....1
Examinations for trachoma.....35
Operations for trachoma.....1
Metropolitan cases visited.....8
Tuberculosis patients visited.....12
Deaths from tuberculosis.....1
Miscellaneous visits.....20
The various schools visited talks on hygiene given; made calls with doctor to see typhoid fever cases; secured typhoid vaccine for other members of family; paid for same with money given to me to spend where I thought was most needed.
Took one patient to the Government Hospital, London, Ky., for operation and treatment.
MARGARET COLVIN, R. N.

The Victrola is always ready to entertain—one or one hundred. See and hear this wonderful machine at Roark's.

The KITCHEN CABINET

Idleness should be classed with hunger and thirst, and the one should be avoided just as much as the other two.
Time is the most valuable of all possessions, therefore do not waste time.

MEATS THAT ARE DIFFERENT.

Separate a chicken into pieces at the joints, wash carefully, cover with boiling water and let boil quickly; after six to eight minutes reduce the heat and let the liquid simmer until the chicken is tender, about an hour and a half. Mix a half cupful of flour with salt and pepper and a little cream and stir into the hot liquid; stir until boiling, then simmer 15 minutes. Add a pint of oysters and quickly reheat to the boiling point. Serve with hot baking powder biscuit and celery.

Chicken Mississippi Style.

Pass through meat chopper one-fourth of a pound each of veal and fresh pork, two slices of bacon and the chicken liver, half a green pepper and two sprigs of parsley, add a teaspoonful of Worcestershire sauce, half a teaspoonful of salt, paprika to taste, mix thoroughly and use to stuff the chicken. Bake often and cook two hours, serve with sweet potatoes or rice.

Calves Liver a la Begue.

Cut a pound of calves liver into half-inch cubes; wash, drain and add two onions, cut in slices, a dash of paprika and half a dozen stalks of parsley, chopped; cover and let stand a half hour; shake the liver from the onions and roll in flour. Put into a frying basket and fry in deep fat.

Fricassee of Veal.

Cut a slice of veal from the leg into serving-sized pieces. Pound them to reduce the thickness one-half. Roll in flour and saute in salt pork fat until brown on both sides. When browned remove to a casserole, pour broth or hot water into the frying pan and boil until all the juices are removed, then pour this liquid into the casserole. Add salt and pepper, cover and let cook an hour or longer. Serve from the casserole. Carrots and other vegetables may be added if desired.

Scalloped Chicken and Kornlet.

Use remnants of cold fowl. Free the meat of bone and gristle. For each cupful of meat take a cupful of Kornlet and one cupful of cream sauce. Mix the chicken with the sauce, then dispose in layers in a buttered baking dish. Cover with buttered crumbs and brown in the oven.

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Turkeys are especially fine insect hunters and are among the best harbingers of the grasshopper.

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VICKSBURG, MISS.	20.90
HOUSTON, TEX.	40.18
EL PASO, TEX.	60.88
FT. WORTH, TEX.	36.28
DEMING, N. M.	63.78

Corresponding rates to other points. Call on me for full information as to rates, etc.
W. G. CRAWFORD, Ticket Agent

Call For Sunshine Cakes and Crackers

We carry in stock 50 different varieties of Sunshine Specialties. They include English Style Biscuits, Sugar Wafers and Biscuit Bon Bon. All light, crisp, and wholesome as the Sunshine in which they are baked. When you entertain or for afternoon tea or desert you should have some of the Sunshine Specialties.

W. H. BRIZENDINE & CO.
EVERYTHING GOOD TO EAT

At last we have a razor good enough to
Guarantee for Life



Shumate's Tungsten \$2.75

Sizes and shapes to fit any face and adapted to any beard.

FOR SALE BY

G. E. COUNTZLER
Greenville, Kentucky.

Cost Reduced

We are offering electric lighting for the home at Big City Prices.

OUR RATE 10c.
NET PER K. W. H.

Is a Reduction of 16 2-3 per cent. From Former Prices.

IS YOUR HOME WIRED?

If not we will be glad to make an estimate, and without obligation, too.

SPECIAL!

Mazda Lamps On Sale at "Before The War" Prices

22 CENTS AND UP

Phone 250 For Information Regarding Our 100 watt "C" Lamp, Better Than The Mazda.

KENTUCKY UTILITIES COMPANY
INCORPORATED

SUCCESSORS TO

GREENVILLE LIGHT & WATER CO.

I. C. R. R. LOCAL TIME CARD.



NORTH BOUND.	
122 Louisville Express.	12:37 pm
102 Cincinnati Express.	1:43 pm
104 Louisville Limited.	3:55 am
136 Central City accommodation.	6:57 pm
SOUTH BOUND.	
135 Paducah and Cairo aecom.	5:20 am
121 Fulton accommodation.	12:07 pm
101 New Orleans special.	3:42 pm
133 N. O. spec.	1:23 am
Stops to discharge revenue passengers from Louisville and parts beyond.	
Feb. 30, 1916	W. G. CRAWFORD, Agt.

Local Mention.

"The Strength of All for the Good of Each."

"Help one another," the snowflakes said, As they huddled down in their fleecy bed; "One of us here would not be felt, One of us here would quickly melt; But I'll help you and you help me, And then, what a big white drift we'll be."

"Help one another," the maple spray Said to his fellow leaves one day; "The sun would wither me here alone, Long enough ere the day is gone; But I'll help you and you help me, And then, what a splendid shade there'll be."

"Help one another," the dew-drop cried, Seeing another drop close to its side; "The warm south breeze would dry me away, And I should be gone ere noon today; But I'll help you and you help me, And we'll make a brook run to the sea."

"Help one another," a grain of sand Said to another grain just at hand; "The wind may carry me over the sea, And then, O what will become of me; But come my brother give me your hand, We'll build a mountain and there we'll stand."

And so the snowflakes grew to drifts, The grains of sand to mountains, The leaves became a pleasant shade, The dew-drops fed the fountains.

Vol. 19 No. 1.

St. Valentine follows Lincoln day.

Let Roark Victrolize your home.

Telephone your personals to this office.

Mr. Leslie Hale was in Louisville for the week end.

Quartermaster court last Monday drew a few extra folks to town.

Good morning! Are you ready to go to war? Nor are we.

Mr. Duncan Hamilton was in Louisville for the week-end.

Mr. Frank Haynes was here from Owensboro on business Tuesday.

The extreme weather has even slowed the candidates down considerably.

The plumber has been a very busy man for the past week, and still has calls ahead.

They are showing good movies at the Queen this week.

Mr. D. J. Duncan was here from Bowling Green several days last week.

Mr. C. W. Roark is in Lexington and Louisville on business for a few days.

Muhlenberg roads are in such condition that traffic over them is almost impossible.

Zero weather the latter part of the week, was as low as the thermometer has been this winter.

No matter what Victor record you may want, Roark has it, or can supply it in two days.

Miss Margaret Colvin carried a patient to the government hospital at London the latter part of the week.

There has been more war talk during the past week than in any like period since the Spanish-American war.

The rural route carriers all took a day off Monday, weather conditions being such that they could not make the route.

The epidemic of measles is now on the wane. There have been over a hundred cases in town, but no fatalities.

Judge R. O. Pace came over from Hopkinsville the latter part of the week, and was here with home folks several days.

War talk increases, and several years has been posing as youngsters now declare that they are beyond military age.

Mr. W. A. Young, who for some years has conducted the livery barn on Main Street, will dispose of his business and retire on the first of March.

The ground hog saw his shadow last Friday, and the weather man immediately proceeded to make good as to the six weeks more of winter, and we have had as severe weather as has come this winter.

There are very few children in school who have not had measles and most of those who have been out on account of illness from that, are able to be back again.

An alarm of fire early Monday morning drew a crowd to the home of Mr. Norman Levinson, on North Cherry street, but the blaze was extinguished without loss. A coal oil stove was ablaze, but no damage was done.

Roark has all sorts of talking machine supplies.

Boy Braves Storm.

Last Sunday afternoon, at Luzerne, quite a band of men and boys were scouring a wide territory in search of William Wice, Jr., who had wandered away from his parents' home just before the snow and wind storm broke. The boy is only six years old, and had been playing around the home in his shirt sleeves, and without gloves or any like protection he battled the elements for about four hours, until he was found. He had been moving all the while, and was running when discovered. He is a very hardy boy, or he would have been overcome. One hand was slightly frozen but he had immediate attention, and there will be no permanent injury. There was great rejoicing when the boy was found, and his parents are keenly grateful to the many friends who helped them.

School Dismissed This Week.

On account of the large number of pupils out on account of measles, and also because of the extreme weather conditions, the school board decided to have no sessions of school this week. It is hoped that by next Monday conditions will be such that an almost normal attendance will obtain. This is the first time in many years that it has been necessary to dismiss school, as health conditions here are quite above the average.

Eggs are getting a bit more plentiful, the price ranging around 30 cents.

Miss Gladys Turner, who has recovered from an attack of the measles germ, left Monday for Bowling Green, where she will spend the week with her parents, and then resume her instruction work in school here.

The regular monthly session of the city council was held Monday night. Several ordinances were introduced, and routine business transacted. There were more than the usual number of visitors.

Roark has only three more of the \$5 Stewart talking machines. Next shipment will take the new price, \$6.50.

Folks who have modern plumbing in old-fashioned homes, and therefore have been suffering on account of zero weather, are devoutly hoping there will be no more blizzards this winter.

On account of the extreme weather and bad road conditions, the regular monthly free trachoma clinic was not held Monday. The next clinic will be held on Monday, March 5.

Roark has talking machine records from 10c. to \$7 in stock.

This is a very short month, so you will have to jump.

\$25.00 week straight salary, to man with rig to introduce Poultry Remedies. Pay every week. Experience unnecessary. Eureka Mfg. Co. East St. Louis, Ill.

Ribbons for any make typewriter at Roark's at right prices.

Coal now costs ten cents a bushel, and that seems awful high to our folks. But at many places, even in Kentucky, the price has been twice that, and folks clamoring for a supply.

Big Sales Despite Bad Weather.

Messrs. McDonald & DeWitt had a splendid response to their reduced price club plan on Hoosier kitchen cabinets last Saturday, when 11 cabinets were sold, and the remaining two club members were received on Monday. They have, at all times, a splendid line of these cabinets on their floor, and invite inspection.

Let Roark make a Victrola demonstration in your home.

Weather Forecast for Week.

Forecast for the week beginning Sunday February 4, 1917. For Ohio valley and Tennessee: Generally fair, temperatures considerable below seasonal normal. Moderation in temperature with probably snow for Wednesday and Thursday.

SEE THE

ARTOPHONE

FOR SALE BY

ROARK

Beloved Woman At Rest.

Mrs. Bryant Williams, in her 72nd year, died at her home east of town last Friday, from a complication of diseases. Mrs. Williams, formerly Miss Adeline Head, was born in Robinson county, Tennessee and at the age of eighteen was married to Mr. Bryant Williams, of Webster county, Kentucky, but they have spent most of their married life in this county. To this union were born eleven children, seven of whom survive, as does the husband.

Mrs. Williams was a true Christian, and a loving mother, a faithful companion; she was a patient sufferer, and repeatedly expressed her readiness and desire to join her loved ones in glory. Funeral services were held at the home at 1 o'clock Sunday, by Revs. Gary and Russell, and interment was in the graveyard at Jernigan's Chapel. The community has lost one of its best women. The father and children have the sympathy of all in their darkest hour of sorrow. What seems to be their loss is heaven's gain.

A Friend.

Wisdom of Childhood.

One of the young girls who has been afflicted with the measles germ almost became impatient, about the time she had a good, rough coating of scales, bumps and pimples, and just about made a start toward complaining, but her grumbling was turned into the paraphrase of a quatrain, as follows:

But why should I be in the dumps
On flow'ry beds of ease,
While others seek to smooth their bumps,
And cough, and spit, and sneeze?

County Nurse Report for January.

Schools visited	11
School children examined	881
Trachoma Clinics	1
Examinations for trachoma	35
Operations for trachoma	1
Metropolitan cases visited	8
Tuberculosis patients visited	12
Deaths from tuberculosis	1
Miscellaneous visits	20

The various schools visited talked on hygiene given; made calls with doctor to see typhoid fever cases; secured typhoid vaccine for other members of family; paid for same with money given to me to spend where I thought was most needed.

Took one patient to the Government Hospital, London, Ky., for operation and treatment.

MARGARET COLVIN, R. N.

The Victrola is always ready to entertain—one or one hundred. See and hear this wonderful machine at Roark's.

The KITCHEN CABINET

Idleness should be classed with hunger and thirst, and the one should be avoided just as much as the other two.

Time is the most valuable of all possessions, therefore do not waste time.

MEATS THAT ARE DIFFERENT.

Separate a chicken into pieces at the joints, wash carefully, cover with boiling water and let boil quickly; after six to eight minutes reduce the heat and let the liquid simmer until the chicken is tender, about an hour and a half. Mix a half cupful of flour with salt and pepper and a little cream and stir into the hot liquid, stir until boiling, then simmer 15 minutes. Add a pint of oysters and quickly relapse to the boiling point. Serve with hot baking powder biscuit and celery.

Chicken Mississippi Style.—Pass through meat chopper one-fourth of a pound each of veal and fresh pork, two slices of bacon and the chicken liver, half a green pepper and two sprigs of parsley, and a teaspoonful of scraped onion and a tablespoonful of Worcestershire sauce, half a teaspoonful of salt, paprika to taste, mix thoroughly and use to stuff the chicken. Bake often and cook two hours, serve with sweet potatoes or rice.

Calves Liver a la Begue.—Cut a pound of calves liver into half-inch cubes; wash, drain and add two onions, cut in slices, a dash of paprika and half a dozen stalks of parsley, chopped; cover and let stand a half hour; shake the liver from the onions and roll in flour. Put into a frying basket and fry in deep fat.

Fricassee of Veal.—Cut a slice of veal from the leg into serving-sized pieces. Pound them to reduce the thickness one-half. Roll in flour and saute in salt pork fat until brown on both sides. When browned remove to a casserole, pour broth or hot water into the frying pan and boil until all the juices are removed, then pour this liquid into the casserole. Add salt and pepper, cover and let cook an hour or longer. Serve from the casserole. Carrots and other vegetables may be added if desired.

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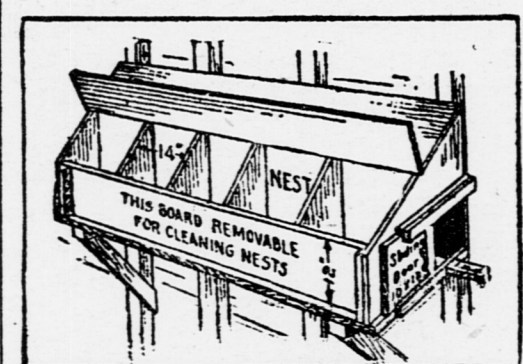
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Wall Nest for Layers.

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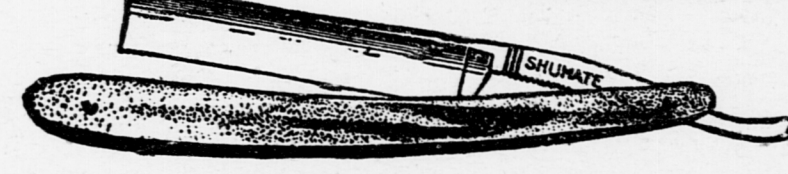
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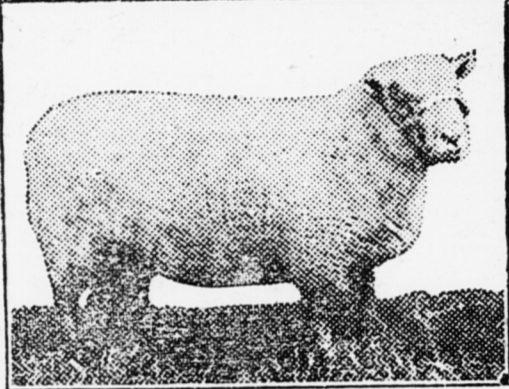
G. E. COUNTZLER
Greenville, Kentucky.

FARM STOCK

EASIEST INCOME FROM SHEEP

Small Sum of Money Required in Establishing Flock—Demand for Them Growing Stronger.

It has never been disputed that sheep are of great value on the farm. Some men who have had years of practical experience with sheep and have raised a flock in connection with other classes of live stock, declare that they have derived the largest and easiest income from sheep. From the standpoint of profit they consider: First, the small sum of money required for the establishment of a flock; second, the small expense incurred in



Southdown Ram.

building suitable shelter for sheep; third, the little care sheep require in the summer, during the farmer's busiest time; fourth, the extermination of weeds on the farm by the sheep; fifth, the enrichment of the soil on which the sheep graze by the even distribution of their manure, which is of much value to the land; sixth, that with present prices of wool a breeding ewe ought to pay for more than her keep and that her lamb or lambs are their net profit; and, seventh, that since the demand for them is ever growing stronger, mutton and wool are constantly increasing in value.—Wisconsin Bulletin 263.

BE CAUTIOUS WITH ALFALFA

Not Advisable to Feed Hay in Large Quantities to Brood Mares—Great Danger of Bloat.

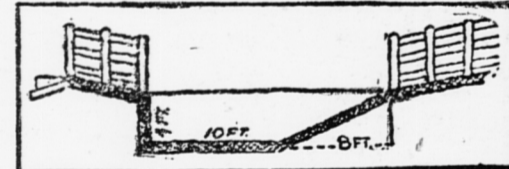
It is not well to feed alfalfa hay in too large quantities to brood mares, and this is a matter in which precaution should be taken. Horses tend to become bloated if allowed to overfeed on alfalfa hay, especially if the hay is in a more or less green stage. It is always advisable when alfalfa hay is fed to horses to allow the alfalfa to remain in the field until well matured.

The danger of bloating in horses is especially great in the case of mares in foal, which are likely to overeat. These precautions are not necessary in feeding alfalfa to cattle and, in fact, the green alfalfa hay is very desirable for dairy cattle. Good results have been obtained in feeding brood mares by limiting their alfalfa to one-third of the total amount of roughage fed to them.

HOG-DIPPING VAT OF CEMENT

Tank Recommended by Wisconsin Experiment Station Made With Chute at Either End.

This is the cement constructed hog-dipping vat recommended by the Wisconsin experiment station. It has a chute at either end, and there is a return drain apron at the end where



Vat for Dipping Hogs.

the hogs come up out of the dip. By holding them on this incline for a few minutes a great deal of the dip is saved by running off them and into the tank. The vat proper is 16 inches wide at the bottom, 24 inches wide at the top and 4 feet deep. It is 10 feet long.

COLONY HOUSES NOT COSTLY

Material May Be Bought for Price Ranging From \$7.35 to \$17.43—Much Depends on Type.

According to the practical experience of the agricultural experiment station at Ames, a very satisfactory colony of movable hoghouses may be built at a cost, for material, ranging from \$7.35 to \$17.43, depending upon the type. In no case does the cost of labor add more than \$8.75 to the total cost. These movable houses have been used for a good many years at Ames. They are described successfully by John J. Evard, who is in charge of the experimental work in animal husbandry. With Prof. J. B. Davidson, Mr. Evard has recently completed a bulletin which gives complete plans and specifications for six different types of movable houses. The publication may be secured without cost by writing to the Bulletin Office, Ames, Iowa, for it.

SYSTEM OF TILE-DRAINAGE

Good Plan to Make Little Map of Fields Drained—Stakes Driven Down Are Good Thing.

After putting down a system of tile drains on a farm, it is a good plan to make a little map of the field, showing just where each line is. Then, too, stakes driven down are a good thing. You may want to extend a line by and by.

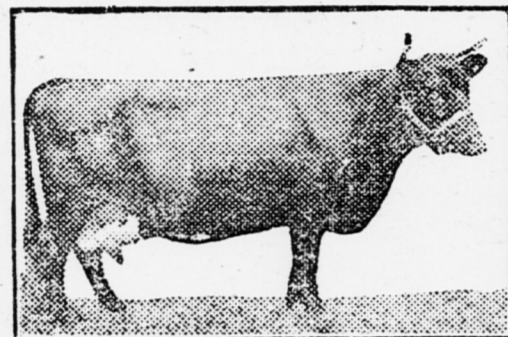
DAIRY

EVEN PERIODS FOR MILKING

Cows Thus Milked Gave More Milk in Evening Than in Morning—Effect of Phosphates.

An English experiment station has definitely determined that the total quantity of milk is not influenced by equal or unequal periods of milking, but that the fat percentage is materially altered by the length of time between morning and evening milkings. Cows milked at even periods gave more milk in the evening than in the morning. The evening's milk was slightly the poorer in quality.

In an experiment to determine the effect of feeding phosphates directly to cows, precipitated bone phosphate was fed at the rate of one ounce per



English Dexter Cow.

day. No appreciable effect was obtained either on the quantity or quality of the milk produced. Apparently this material had no effect on the stimulation of the nervous system; if anything, it had a depressing effect. The weight of cows receiving the precipitated bone ash showed a slight increase.

Experiments showed no advantage in milking three times a day was compared with twice a day.

Cows fed palm-nut cake did not increase in weight as did those fed cotton cake, but they showed a looser skin with a glossier look. The palm-nut cake gave a higher percentage of fat in the milk.

TREATMENT FOR LEAKY TEAT

Forty-Penny Spike, Rounded Off to Point and Applied While Hot Will Prove Effective.

Many good cows are butchered because they milk so easily that the pressure in the udder during a big milk flow causes the teats to leak. Leaking teats can usually be identified by the concave depression at the milk opening. Hard milkers have a convex surface around the orifice.

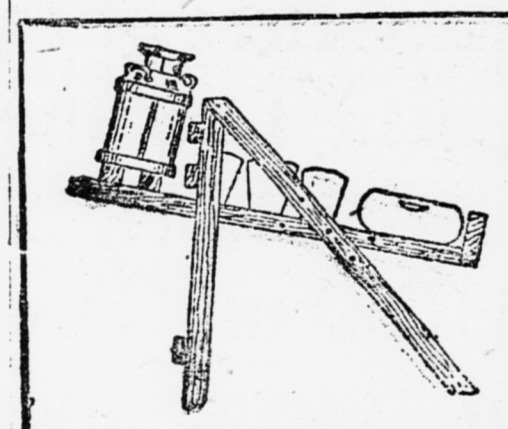
To stop a cow's teat from leaking, the best method I have found is to fit a 40-penny spike, round off the point, heat the end hot enough to sear, and press it gently into the milk orifice, says a writer.

Hold in place till the cow informs you that you have done enough. It is better to repeat the operation than to do too much at the first trial. The burn will nearly always cure readily as the result of the soothing influence of the milk, but if it is slow in healing, grease with salve. When the scar forms around the milk orifice, it contracts the opening and prevents the milk from leaking.

CLEANLINESS OF THE DAIRY

Vital Factor in Successful Production of Milk—Rack for Sunning Cans Is Illustrated.

Cleanliness is a very vital factor in the successful production of milk. The illustration shows a simple sunning rack for milk cans and utensils. Any farmer can quickly construct this rack. All you need is a few 2-by-4s and 1-by-4s. The framework is of 2-by-4s and the braces are 1-by-4s. The cut shows



Rack for Sunning Cans.

an end view and the length will depend on the number of cans and utensils to be sunned. The rack should be adjustable to the direct rays of the sun. This is accomplished by the use of an iron bolt in securing the horizontal pieces at their intersection, with the upright 2-by-4s forming the pedestal. For clean milk cans, wash first in cold water, then steam (or scald, if steam is not available), then use the sun rack.

THOROUGH COOLING OF MILK

One of Most Important Steps in Its Care—Strain Immediately and Place in Cold Room.

Prompt and thorough cooling is one of the important steps in the care of milk.

Milk should never be left in the milking pail for several minutes in a warm place. It should be strained at once and put in the coolest place possible.

Potted Ox Tongue.

One pound of cold cooked ox tongue, six tablespoonsful of butter or fat from tongue, ground mace, made mustard, one teaspoonful of mushroom catsup, red pepper.

Crop tongue fine and put it in a basin with the butter or fat from the tongue, if any is left; season to taste. Rub the mixture, after it has been well pounded, through a fine sieve. Press into small pots, cover with clarified butter or lard; keep in a cool place.

WINTER LOSS OF BEES

Queenless Colony Will Certainly Die in Few Months.

Among Known Causes of Damage Are Lack of Numbers, Insufficient Food, Dampness, Lack of Air and Low Temperature.

(By FRANCIS JAGER, University Farm, St. Paul.)

The winter losses of bees are great every year. Beekeepers can reduce these losses by preparing their bees for winter and giving them good winter quarters.

The chief known causes for winter losses are queenlessness, lack of numbers in colonies, insufficient food, poor food, dampness, lack of air, the breaking of clusters, and low temperatures.

A queenless colony will certainly die in a few months.

If the number of bees in a colony is small, the cluster cannot generate enough heat or keep the heat it generates and the bees freeze. In the fall small colonies should be united into one big colony.

Bees must eat in the winter in order to generate heat. They must have about 40 pounds of honey when they go into winter quarters. If they are short, they should be supplied early with finished frames or fed sugar syrup. Dark (not amber) honey is poor food for bees to winter on. All black honey should be removed and combs of white honey should be inserted.

Dampness in a cellar causes the combs and frames and the hive walls and cover to get wet and moldy, and the bees perish from wet cold. Bees need fresh air and dry air will cure excitement, and the bees will scatter and die. Excitement among bees in winter is fatal.

The present style of Hoffman frame divides the bee cluster in winter into 11 spaces, and the bees are unable to pass from one space to the other. When the bee cluster contracts during the winter, those left on the outside frames die. Some beekeepers perforate their frames for the easy passage of bees from one compartment to another. If kept in a warm place they can pass over or around the frames. In long-continued and severe cold the bees may not be able to move along the frame and they will sometimes die of hunger within an inch of the honey supply.

Bees should be kept in a cellar at a temperature of about 45 degrees. Very strong colonies, however, will survive almost any degree of cold.

CLEAN MATERIAL FOR NESTS

Hay, Straw, Leaves, Excelsior, Etc., Should Be Changed Occasionally—Burn All Rubbish.

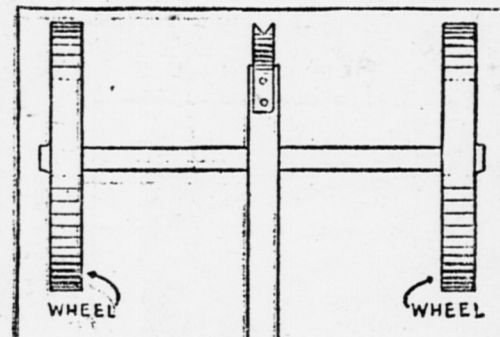
The nest materials, such as hay, straw, excelsior, leaves, etc., should be changed occasionally, as foul material is a good breeding place for germs of diseases. Insects are also likely to harbor in the old nests if the materials are not changed from time to time.

At this season of the year attention should be given to cleanliness. All rubbish such as old nest materials should be burned or carefully fumigated and thrown in the manure heap. The nest should be renewed with clean, sanitary materials. Those who do not think it makes much difference to hens are badly mistaken. Hens are not likely to lay in foul, unsanitary nests and often "steal their nest" off where it is, hard to find.

EXCELLENT AS POST PULLER

Device Constructed of Two Wheels Taken From Old Machinery—Axle Made of Heavy Bar.

Here is a good post puller, should you have any posts to pull this winter, says a writer in The Farmer. The wheels are about 20 inches high and were taken from a piece of old machinery. The axle is a heavy bar, to



Post Puller.

which is bolted a ten-foot post for a tongue and lever. A narrow iron plate, turned up at end and notched as shown, is bolted to upper side of the short end of tongue. Twist a wire, or loop a chain around post to be pulled, get a hold under it with the prow on the end of tongue, and bear down on other end.

EXERCISE REQUIRED BY COW

Considerations of Good Health Forbid That Animal Be Kept Closely Confined to Barn.

While it is doubtless true that a cow kept at perfect ease will, other things being equal, give the greatest quantity of milk, yet considerations of health forbid forcing and require that the cow be given moderate exercise in the open air.

Squab for the Invalid.

A squab cooked according to these directions won't harm the sick stomach. Clean the squab, split it open, lay on a thickly buttered pan and sprinkle over with salt and pepper. Cover with another buttered pan and steam until tender. Serve plain or with hot brown sauce.

To Improve Mustard.

Add a little drop of scald oil to mustard when it is being made. Not only will it improve the taste, but it will keep it fresh for days.

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BY OTTO A. ROTHERT

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